

# Notice of Allowability

Application No.

10/085,130

Examiner

Pramila Parthasarathy

Applicant(s)

HATFALVI ET AL.

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant initiated interview held on 4/26/2007.
2. ☒ The allowed claim(s) is/are 21-26,28-35,37-44,46-47; Renumbered as 1-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 4/26/2007.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

NASSER MOAZZAMI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

  
4/30/07

**DETAILED ACTION**

***Response to Arguments***

1. In view of Applicant's initiated interview on 04/26/2007, with respect to proposed amended Claims 39 – 44 and 46-47 have been fully considered and are persuasive.

***Allowable Subject Matter***

2. Claims 21 - 26, 28 – 35, 37 – 44 and 46 – 47 are allowed and renumbered as 1 – 24.

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Carlos R. Villamar, Registration Number 43,224 on April 26, 2007.

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IN THE CLAIMS:

39. (Amended) A computer program product for providing a browser interface system for protecting a computer network, and including one or more computer-readable instructions embedded on a computer readable storage medium and configured to cause one or more computer processors to perform the steps of:

- providing communications access to an unprotected network from a protected network via a browser module, wherein the browser module is separate and physically distinct from protected computers;

- communicating with the browser module through a browser client module, wherein said browser client module provides control of video and audio output of a browser operating remotely on said browser module;

- analyzing communications between the browser module and the browser client module via a browser isolator module;

- preventing unauthorized communications between the browser module and the browser client module via the browser isolator module; and

- preventing the transfer of permanently stored data between the protected computers and the browser module, and between the protected computers and the unprotected network.

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40. (Amended) The computer program product of claim 39, comprising further instructions embedded on the computer readable storage medium and configured to cause the one or more computer processors to perform the step of limiting the communication between the browser and browser client module to those communications specifically necessary for remote operation of the browser module.

41. (Amended) The computer program product of claim 40, comprising further instructions embedded on the computer readable storage medium and configured to cause the one or more computer processors to perform the step of screening at least one of the following types of information to determine if the communication is authorized:

source and destination ports, user information, origination information, host information, destination information, character information, IP address information, display identification, session information, display class, display number, TCP information, and date and/or time information.

42. (Amended) The computer program product of claim 39, comprising further instructions embedded on the computer readable storage medium and configured to cause the one or more computer processors to perform the step of said browser module further comprising a distributed network browser.

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43. (Amended) The computer program product of claim 39, comprising further instructions embedded on the computer readable storage medium and configured to cause the one or more computer processors to perform the step of isolating the protected network from unauthorized communications received from the unprotected network.

44. (Amended) The computer program product of claim 39, comprising further instructions embedded on the computer readable storage medium and configured to cause the one or more computer processors to perform the step of operating any browser-executed code on the browser module.

46. (Amended) The computer program product of claim 39, comprising further instructions embedded on the computer readable storage medium and configured to cause the one or more computer processors to perform the step of protecting the protected computer from unauthorized content, wherein said browser module is sacrificial.

47. (Amended) The computer program product of claim 39, comprising further instructions embedded on the computer readable storage medium and configured to cause the one or more computer processors to perform the step of performing detailed field checks, said field checks reducing the chance of defect in the protocol implementation on either the browser module or protected computer.

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**Conclusion**


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 571-272-3866. The examiner can normally be reached on 8:00a.m. To 5:00p.m.. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser Moazzami can be reached on 571-232-4195. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR only. For more information about the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pramila Parthasarathy

April 30, 2007.

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4/30/07